|  |  |  |  |
| --- | --- | --- | --- |
| Expression | Value | Expression | Value |
| A&B | 0x234D | A|B | 0xEBDF |
| A&&B | 0x0001 | A||B | 0x0001 |
| ~A&~B | 0x0420 | !A||!B | 0x0000 |
| A&!B | 0x0000 | A^B<<3 | 0x4490 |

1.A = 0xABCD,B = 0x635F

1. A | B = ((A & B) ^ (~A & B)) ^ (A & (~B)) （Or：A|B=(AˆB)ˆ(A&B)）
2. Result = (X & (~(0xFF << (i \* 8)))) + (Y & (0xFF << (i \* 8)))